### LOCAL HAZARD MITIGATION PLAN REVIEW, ROOSEVELT COUNTY, MT FEMA REGION VIII

### ROOSEVELT COUNTY, MONTANA

# Instructions for using the attached Crosswalk Reference Document for Review and Submission of Local Mitigation Plans

Attached is a crosswalk reference document, which is based on the Final Draft Report **State and Local Plan Interim Criteria Under the Disaster Mitigation Act of 2000**, published by FEMA HQ and dated July 11, 2002. This document was based on the *Disaster Mitigation Act of 2000* (P.L. 106-390), enacted October 30, 2000 and 44 CFR Parts 201 and 206 Interim Final Rule, published February 26, 2002.

The purpose of the crosswalk is to provide a tool to local jurisdictions in developing and submitting Mitigation Plans under Section 322 of the Disaster Mitigation Act of 2000. The crosswalk can be used to assist local or multi-jurisdiction entities in the process of developing and reviewing Local or Multi-jurisdictional plan should be reviewed by the pertinent local jurisdictional entity prior to submitting the plan to the respective State. In addition as stated in the Interim Final Rule §201.6(d)(1) "Plans must be submitted to the State Hazard Mitigation Officer for initial review and coordination. The State will then send the plan to the appropriate FEMA Regional Office for formal review and approval." The local jurisdiction must fill out column 3 prior to submitting the plan for formal review and approval.

Tribes may submit hazard mitigation plans through their respective states or they can directly submit their plans to FEMA Region VIII. This means they can write a Local or Multi-jurisdictional Plan as a sub-grantee or they may write a Standard or Enhanced State Plan as a Grantee. When tribes are considering how they want to develop and submit their plans, they need to consider whether or not they want to be Grantees directly from FEMA or Sub-grantees through their respective states. The deciding factor would be how they want to apply for and receive Pre-disaster Mitigation Grant projects, Hazard Mitigation Grant Program projects, or Flood Mitigation Assistance projects. Interested tribes can determine this by talking with their State Hazard Mitigation Officer or their respective FEMA Regional Federal Insurance and Mitigation Administration (FIMA) Division. In any case, each tribe should review their own plans before submitting them to their state or FEMA Regional office.

Following are explanations of each column.

- Column 1 indicates on what page or pages in the State and Local Plan Interim Criteria document more detailed information can be found regarding the requirements.
- Column 2 references and directly quotes the 44 CFR Parts 201 and 206 Interim Final Rule.
- Column 3 is for the tribe and/or local jurisdiction to indicate the Section or Annex and the page number(s) in their plan where the requirement is addressed.
- Column 4 provides space for State/FEMA comments and for scoring of the plan.

### **Local Mitigation Plan Review and Approval Status**

Local Requirement		
Local Plan Submitted to the State by:	Title:	Date:
Dan Sietsema	Roosevelt County DES Coordinator	July 2, 2003
State Requirement		
State Reviewer:	Title:	Date:
Larry Akers	SHMO	November 17, 2003
FEMA Requirement		
FEMA Reviewer:	Title:	Date:
KC Collins, URS	Planner	December 6, 2004
Wade Nofziger	Hazard Mitigation Specialist	July 30, 2004
Diana Heyder	Hazard Mitigation Specialist	December 20, 2004
Marty Kientz	Hazard Mitigation Specialist	July 20, 2004
Date Received in FEMA Region VIII	July 13, 2004	
Plan Not Approved		
Plan Approved	XXX	
Date Approved	December 20, 2004	

## LOCAL HAZARD MITIGATION PLAN REVIEW - ROOSEVELT COUNTY, MT REGION VIII, DECEMBER 20, 2004 - PAGE 2

Point of Contact: Dan Sietsema	Local Plan Reviewed by: Rich Petaja			
Title:	Title:			
Roosevelt County DES Coordinator Agency:	HMGO I			
Roosevelt County		NFIP Status (Single	e Jurisdiction)	
Phone Number: 406-653-6224		Participating	Non-Participating	
Multi-jurisdiction:	<b>NI/A</b> #	NEID O		
(If yes, list each jurisdiction below:)	N/A*	NFIP Status (for n	napped communities)	
1. Roosevelt County, MT (Good Standing – mapped 11/1/96)		Participating 🛚	Non-Participating	
2.Town of Bainville, MT (Never Mapped)		Participating	Non-Participating	
3. Town of Brockton, MT (Never Mapped)	Participating Non-Participating			
4. Town of Culbertson, MT (Good Standing – mapped 5/15/86)	☐ Participating ☐ Non-Participating			
5. Town of Froid, MT (Never Mapped)		Participating	Non-Participating	
6. Town of Poplar, MT (Never Mapped)		Participating	Non-Participating	
7.Town of Wolf Point, MT (Never Mapped)		Participating	Non-Participating	
8.		Participating	Non-Participating	
9.		Participating	Non-Participating	
[ATTACH PAGE (S) WITH ADDITIONAL JURISDICTIONS]				

### Local Plan POC:

Please complete the information requested on this profile form. The form will be submitted with your plan to the State. Using the attached crosswalk, compare your local plan content with the criteria outlined. Please note under the column heading "Location in the Plan" the page(s) where your plan addresses/meets the criteria. Thank you.

\* Not applicable for communities not mapped and/or who do not have an identified flood risk.

### LOCAL HAZARD MITIGATION PLAN REVIEW - ROOSEVELT COUNTY, MT REGION VIII, DECEMBER 20, 2004 - PAGE 3

#### LOCAL MITIGATION PLAN SUMMARY WORKSHEET

The plan cannot be reviewed if the <u>prerequisite</u> is not met for a single jurisdictional plan, or prerequisites are not met for a multi-jurisdictional plan.

All mandatory criteria, except those highlighted in gray, must receive a score of "Satisfactory" or "Outstanding" for the plan to receive FEMA approval. A less than "Satisfactory" score on subsections highlighted in gray will not preclude the plan from passing. Reviewer's comments must be provided for requirements receiving a "Needs Improvement" score.

#### SCORING SYSTEM

Please check one of the following for each requirement.

- **U Unsatisfactory:** The plan does not address the criteria.
- N Needs Improvement: The plan addresses the criteria, but needs significant improvement. Reviewer's comments must be provided.
- S Satisfactory: The plan meets the minimum criteria. Reviewer's comments are encouraged, but not required.

**O – Outstanding:** The plan exceeds the minimum criteria. Reviewer's comments are encouraged, but not required.

Prerequisite (s) (Check Applicable Box)	NOT MET		MET	
Adoption by the Local Governing Body: §201.6(c)(5) <b>OR</b>			N	/A
Multi-jurisdictional Plan Adoption: §201.6(c)(5) <b>AND</b>				x
Multi-jurisdictional Participation: §201.6(a)(3)			,	X
Planning Process	U	N	s	0
Documentation of the Planning Process: §201.6(c)(1)			Х	
Risk Assessment	U	N	s	0
Identifying Hazards: §201.6(c)(2)(i)			Х	
Profiling Hazard Events: §201.6(c)(2)(i)			X	
Assessing Vulnerability: Overview: §201.6(c)(2)(ii)			X	
Assessing Vulnerability: Identifying Assets: §201.6(c)(2)(ii)(A)			X	
Assessing Vulnerability: Estimating Potential Losses: §201.6(c)(2)(ii)(B)			х	
Assessing Vulnerability: Analyzing Development Trends: §201.6(c)(2)(ii)(C)			Х	
Multi-jurisdictional Risk Assessment: §201.6(c)(2)(iii)			X	

Mitigation Strategy	U	N	S	0	
Local Hazard Mitigation Goals: §201.6(c)(3)(i)			Х		
Identification and Analysis of Mitigation Measures: §201.6(c)(3)(ii)			Х		
Implementation of Mitigation Measures: §201.6(c)(3)(iii)			х		
Multi-jurisdictional Mitigation Strategy: §201.6(c)(3)(iv)			Х		
Plan Maintenance Procedures	U	N	s	0	
Monitoring, Evaluating, and Updating the Plan: §201.6(c)(4)(i)			Х		
Implementation Through Existing Programs: §201.6(c)(4)(ii)			Х		
Continued Public Involvement: §201.6(c)(4)(iii)			Х		
Additional State Requirements*	U	N	s	0	
Insert State Requirement					
Insert State Requirement					
Insert State Requirement					
LOCAL MITIGATION PLAN APPROVAL STATUS					
PLAN NOT APPROVED					
PLAN APPROVED XXX					

\*States that have additional requirements can add them in the appropriate sections of the Plan Review Criteria or create a new section. States need then modify this worksheet to record the score for those requirements.

**See Reviewer's Comments** 

PLAN REVIEW CRITERIA REFERENCE (SECTION PAGE #)  PREREQUISITE (S) (3-1)	REQUIREMENT AS TAKEN FROM THE INTERIM FINAL RULE PART 201	LOCATION IN THE PLAN  (INDICATE SECTION OR ANNEX AND PAGE #)	SCORING MET/NOT UUNSA		ISITE (S) ONLY) SSATISFACTORY OOUTSTANDING Site, or prerequisites in the tional plans, must be met
Adoption by the Local Governing Body (3-2)	Requirement §201.6(c)(5):  [The local hazard mitigation plan shall include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council)	Introduction, page 1 and Appendix A	S	is signed and dated No introduction section of	n for the County of Roosevelt ovember 24, 2003. The the plan highlights the cook place in the county.
OR Multi-Jurisdictional Plan Adoption (3-3)  AND	Requirement §201.6(c)(5):  For multi-jurisdictional plans, each jurisdiction requesting approval of the plan must document that it has been formally adopted.	Introduction, page 1 and Appendix A	S	Bainville, Brockton, Cu Point are provided in th section of the plan high	olutions for the Towns of lbertson, Froid, Poplar, Wolf ne plan. The introduction alights the adoption process articipating communities.
Multi-Jurisdictional Planning Participation (3-4)	Requirement §201.6(a)(3):  Multi-jurisdictional plans (e.g., watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process  Statewide plans will not be	Introduction Page 1, Appendix B	S	members and informat and maps were provide	cal governments was as requested from these ion in the form of documents, ed during the planning of government officials from

PLAN REVIEW	REQUIREMENT AS TAKEN	LOCATION IN THE	SCORE / STATE / FEMA REVIEW	/ER COMMENTS
CRITERIA	FROM THE INTERIM FINAL	PLAN	SCORING SYSTEM	
REFERENCE (SECTION PAGE #)	RULE PART 201	(INDICATE SECTION OR ANNEX AND	MET/NOT MET (FOR PREREQUI	SITE (S) ONLY)
(OZOTION I NOZ II)		PAGE #)	UUNSATISFACTORY	SSATISFACTORY
			NNEEDS IMPROVEMENT	OOUTSTANDING
	accepted as multi-jurisdictional plans.		Documentation indicating adopting communities is	g the participation of all provided.
PLANNING PROCESS			-	
(3-5)				
Documentation of the Planning Process (3-6)	Requirement §201.6(c)(1):  [The plan must document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.	2.0 Planning Process, page 7 and 8 and Appendix B.	mitigation contractor, purgovernment officials and needed for developing the planning process, contains their importance and role and then were provided mitigation and strategy of meeting notifications. As held with government and in hazard mitigation.  Three public meetings we plan development. The stakeholders and the purto gather information on critical facilities for that a about mitigation goals as	ablic into the planning cooperation with the m Technologies, a hazard at together a contact list of distakeholders that were he plan. During the cts were initially informed of e in the planning process information such as documents, maps, and additionally, interviews were not stakeholders interested were held during the initial meetings were open to the ablic. The main purpose was historic disasters, identify area, and gather information and objectives. Additionally, in development were held with specific jurisdiction

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			NNEEDS IMPROVEMENT OOUTSTANDING
RISK ASSESSMENT (3-9)			relevant stakeholders. Attendee lists and meeting summaries are provided in the plan appendix.  Review of the final draft was made available to the public, stakeholders and government officials at several meetings. Comments that were received from the meetings were then forward to the contractor for review and incorporation in to the final plan. The final plan was then forwarded on to the Montana DES SHMO and the Montana FEMA representative for final review before submission to FEMA.
Identifying Hazards	Requirement §201.6(c)(2)(i):	Page 28 –Table 3-8	
(3-10)	[The risk assessment shall include a] description of the typeof all natural hazards that can affect the jurisdiction		impact the county that were discussed during the planning process. They had a very thorough revie of the hazards.
Profiling Hazard Events (3-14)	Requirement §201.6(c)(2)(i):  [The risk assessment shall include a] description of thelocation and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous	Section 3.0 Hazard Evaluation and Risk Assessment pages 9-27.	S They have done a good job in profiling each of the identified hazards. Each hazard specific section includes information a detailed narrative on the hazard, location, extent and history of events whe available. Many of the hazards are profiled by a GIS map displaying geographical extent of the hazard risk area in relation to critical facilities.

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	occurrences of hazard events and on the probability of future hazard events.		A review of the SHELDUS database at <a href="https://www.sheldus.org">www.sheldus.org</a> indicated that the historical data on events provided in the plan by the county is actually more comprehensive although, for future updates SHELDUS can provide supplemental information on property damage loss, fatalities, injuries, and crop damage loss. Wildfires have contributed to the most property damage losses according to SHELDUS with flooding causing the second most property damage. It appears this data, or NWS data with similar findings was referred to in Appendix G. It is suggested that SHELDUS data be incorporated into the next revision.
Assessing Vulnerability: Overview (Currently found under Identifying Assets section, p.3-18—to be corrected in next version of the Plan Criteria)	Requirement 201.6(c)(2)(ii):  [The risk assessment shall include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description shall include an overall summary of each hazard and its impact on the community.	Pages 33-43	A vulnerability assessment is provided within each hazard profile. Level of risk, affected populations, and impacted structures and infrastructure are addressed. A vulnerability ranking was then applied to each identified hazard that is based frequency, magnitude, building \$ exposure, effected population and critical facilities at risk. Considering this is a very rural area, the county has done a great job in assessing the vulnerabilities from each profiled hazard.  HAZUS data indicates that one toxic release site is located in the county – Montola Growers Inc. in Culbertson. See <a href="http://www.epa.gov/triexplorer/facility.htm">http://www.epa.gov/triexplorer/facility.htm</a> for more information.

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Assessing Vulnerability: Identifying Assets (3-18)	Requirement 201.6(c)(2)(ii)(A): The plan should describe vulnerability in terms of: The types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas	Pages 28 – 31, Map 3-1. Appendix C, Page 50	policy where goals and of the PDM projects identifulation on land use future growth in relation areas is described in the that although local officion there are no plans to describe infrastructure or critical fureas, mitigation options future land use decision development projects with the projects	existing and future d maps.  In a comprehensive growth objectives will agree with ited in this plan.  In and future development, to the identified hazard eplan. The plan indicates have indicated that evelop buildings, facilities in hazard prone is will be considered in its. Mapping the future ould enhance the plan.  It is factory" score on this

PLAN REVIEW CRITERIA REFERENCE (SECTION PAGE #)	REQUIREMENT AS TAKEN FROM THE INTERIM FINAL RULE PART 201	LOCATION IN THE PLAN (INDICATE SECTION OR ANNEX AND PAGE #)	SCORING MET/NOT UUNSAT	STATE / FEMA REVIEWE S SYSTEM MET (FOR PREREQUISIT FISFACTORY S IMPROVEMENT	
Assessing Vulnerability: Estimating Potential Losses (3-22)	Requirement 201.6(c)(2)(ii)(B):  [The plan should describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(i)(A) of this section and a description of the methodology used to prepare the estimate	Page 29, Appendix E	S	The Vulnerability Assessman excellent job of indicating were estimated based on lighth data sources provided and tables highlight vulner based on building \$ risk, so potentially affected) and creating the source of the source of the vulnerable of the source of the source of the vulnerable of the source of the source of the vulnerable of the source of the vulnerable of the source of the vulnerable of the v	ng how dollar losses FEMA HAZUS software d in Appendix E. Mapping ability for hazard types ocietal risk (populations ritical facilities risk.  factory" score on this
Assessing Vulnerability: Analyzing Development Trends (3-24)	Requirement 201.6(c)(2)(ii)(C):  [The plan should describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.	Pages 29-31	S	The county is developing a Policy. The plan outlines fuse trends within the counbuilding department will act in local communities that a building codes. The plan a future projects.  Note: A less than "Satis requirement will not precipassing.	tuture growth and land ty and how county dminister building codes comply with the state's lso identifies known
Multi-Jurisdictional Risk Assessment (3-26)	Requirement §201.6(c)(2)(iii):  For multi-jurisdictional plans, the risk assessment section must assess each jurisdiction's risks where they vary from the risks facing the entire planning area.	Pages 31-43	S	The plan does an excellen starting from building locat density and then the hazar far as to include close-ups jurisdictions seeking plan a individual vulnerability table.	ions, to population rd type. The plan goes as maps for all the approval as well as

PLAN REVIEW CRITERIA REFERENCE (SECTION PAGE #)  MITIGATION STRATEGY (3-29)	REQUIREMENT AS TAKEN FROM THE INTERIM FINAL RULE PART 201	LOCATION IN THE PLAN  (INDICATE SECTION OR ANNEX AND PAGE #)	SCORING MET/NO UUNSA NNEED	Note: Any changes made in the assessment to address previous or needs improvement scores, reflected in the Mitigation Strategain final approval of the plan.	ONLY) ATISFACTORY UTSTANDING e risk us unsatisfactory will need to be egy section to
Local Hazard Mitigation Goals (3-30)	Requirement §201.6(c)(3)(i):  [The hazard mitigation strategy shall include: a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.	Page 44	S	Seven general mitigation goals ar will reduce or avoid long-term vuli goal then has specific actions tha the goals.	nerabilities. Each t correspond to
Identification and Analysis of Mitigation Measures (3-34)	Requirement §201.6(c)(3)(ii):  [The mitigation strategy shall include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.	Pages 44-46	S	A comprehensive range of mitigate (projects) are provided in the plant and future buildings and infrastructhe mitigation actions identified in	n. Both existing cture benefit from the plan.
Implementation of Mitigation Measures (3-36)	Requirement §201.6(c)(3)(iii):  [The mitigation strategy section shall include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local	Pages 45-49	S	The mitigation actions presented with a description of how projects based on impacts to the population the cost. Projects were ranked in medium or low. Benefits to the property and population are weight thereby serving as a benefit cost	will be prioritized on, property and total as high, otection of hed against cost;

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CRITERIA REFERENCE	FROM THE INTERIM FINAL RULE PART 201	PLAN	SCORING SYSTEM
(SECTION PAGE #)	NOLE I ANI 201	(INDICATE SECTION OR ANNEX AND	MET/NOT MET (FOR PREREQUISITE (S) ONLY)
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	jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.		administration of the projects will be the responsibility of the DES coordinator. The plan would be enhanced if the time frame, responsible agency, cost and potential funding source were provided for each hazard mitigation project.
Multi-jurisdictional Mitigation Strategy (3-40)	Requirement §201.6(c)(3)(iv):  For multi-jurisdictional plans, there must be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.	Pages 45-49	S Table 4-2 lists the hazard mitigation projects and highlights specific communities where projects will take place when applicable. Some projects are county-wide while others are specific to local jurisdictions.
PLAN MAINTENANCE PROCEDURES (3-43)			
Monitoring, Evaluating, and Updating the Plan (3-44)	Requirement §201.6(c)(4)(i):  [The plan maintenance process shall include a section describing the] method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.	Pages 50-51	S The plan will be reviewed every two years initiated by the DES Coordinator and updated by the board of commissioners with the assistance of the LEPC and the public. The DES Coordinator will provide project status reports to the board of commissioners, the LEPC and the public as well. The DES Coordinator will be responsible for the five year plan update and will have six months to make appropriate changes prior to submitting it to the Board, LEPC and the public for finalization.

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Implementation Through Existing Programs (3-48)	Requirement §201.6(c)(4)(ii):  [The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate	Pages 50-51, Page 46	goals identified in the developing Comprehensive Growth Policy Plan for the County. The plan indicates that the county will have the opportunity to implement this plan through existing programs and procedures. The plan would be enhanced by identifying these existing programs and procedures and including a discussion on local capital improvement programs. Page 46 does provide suggestions for integrating this plan into the state's and county's legal framework.
Continued Public Involvement (3-50)	Requirement §201.6(c)(4)(iii): [The plan maintenance process shall include a] discussion on how the community will continue public participation in the plan maintenance process.	Page 51	S Copies of the plan will be available at all appropriate agencies in the county and at the public library. The existence and location of copies will be made known through local newspaper notifications. The phone number and location of the DES Coordinator is provided in the plan. Public meetings will be held prior to the two and five-year updates to give the public an opportunity to be involved and comment.
ADDITIONAL STATE REQUIREMENTS	Insert State Requirement (s)		States that have additional requirements can add them in the appropriate sections of the Plan Review Criteria or create a new section. States need then modify this worksheet to record the score for those requirements.